

cura\_58\_17931354.0.35.1 (SEQ ID NO: 14)  
 cura\_58\_17931354.0.35.2 (SEQ ID NO: 16)

cura\_58\_179313540351 MRPVALLLLPSLLALLAHGLSLEAPTVGKGQAPGIEETDDELTAAPTPEQPERGVHFVTT  
 cura\_58\_179313540352 MRPVALLLLPSLLALLAHGLSLEAPTVGKGQAPGIEETDDELTAAPTPEQPERGVHFVTT

cura\_58\_179313540351 APTLKLNNHHPLLEEFLOEGLEKGEELRPALPFQDPDPAPFTPSPLPRLANQDSRPVFT  
 cura\_58\_179313540352 APTLKLNNHHPLLEEFLOEGLEKGEELRPALPFQDPDPAPFTPSPLPRLANQDSRPVFT

cura\_58\_179313540351 SPTPAMAAVPTQPSKEGPWSPESSEPMRLITAPLPPGSMVPTLGPGEIASTTPPSRA  
 cura\_58\_179313540352 SPTPAMAAVPTQPSKEGPWSPESSEPMRLITAPLPPGSMVPTLGPGEIASTTPPSRA

cura\_58\_179313540351 WTPTQEGPGDMGRPWAEEVVSQAGIGIQGTITSSTASGDDEETTTTTTTITTTITTVQT  
 cura\_58\_179313540352 WTPTQEGPGDMGRPWAEEVVSQAGIGIQGTITSSTASGDDEETTTTTTTITTTITTVQT

cura\_58\_179313540351 PGPCSWNFSGPEGLSDPTDLSSPTDVGLDCFFYISVYPGYGVEIKVQNIISLREGETVT  
 cura\_58\_179313540352 PGPCSWNFSGPEGLSDPTDLSSPTDVGLDCFFYISVYPGYGVEIKVQNIISLREGETVT

cura\_58\_179313540351 EGLGGPDPLPLANQSFLLRGQVIRSPHTQAALRFQSLPPPAGPGTFHFHYQAYLLSCHFP  
 cura\_58\_179313540352 EGLGGPDPLPLANQSFLLRGQVIRSPHTQAALRFQSLPPPAGPGTFHFHYQAYLLSCHFP

cura\_58\_179313540351 RRQAYEDVTVTSIHPPGSSARFHCATGYQLKGARHLTCLNATQPIWDSKEPVCIAACGGVI  
 cura\_58\_179313540352 RRQAYEDVTVTSIHPPGSSARFHCATGYQLKGARHLTCLNATQPIWDSKEPVCIAACGGVI

cura\_58\_179313540351 RNATTGRIVSPGFPNGYSNNLTCHWLLEAPEGQRLHLHFEKVSLAEDDDRLIIRNGDNVE  
 cura\_58\_179313540352 RNATTGRIVSPGFPNGYSNNLTCHWLLEAPEGQRLHLHFEKVSLAEDDDRLIIRNGDNVE

cura\_58\_179313540351 APPVYDSYEVEYLPIEGLLSSGKHFFVELSTDSSGAAAGMALRYEAFQQGHCHYEPFVKYG  
 cura\_58\_179313540352 APPVYDSYEVEYLPIEGLLSSGKHFFVELSTDSSGAAAGMALRYEAFQQGHCHYEPFVKYG

cura\_58\_179313540351 NFSSSTPTYPVGTTFVEFSCDPGYTLEQGSIIIECVDPHPDQWNETEPACRAVCSGEITDS  
 cura\_58\_179313540352 NFSSSTPTYPVGTTFVEFSCDPGYTLEQGSIIIECVDPHPDQWNETEPACRAVCSGEITDS

cura\_58\_179313540351 AGVVLSPNWPEPYSRGQDCIWGVHVEEDKRIMLDIRVLRIGPGDVLTFYDGDLDLTVRLG  
 cura\_58\_179313540352 AGVVLSPNWPEPYSRGQDCIWGVHVEEDKRIMLDIRVLRIGPGDVLTFYDGDLDLTVRLG

cura\_58\_179313540351 QYSGPRSHFKLFSTMAVDTIQFQSDPGTSLVGYQQGFVIHFFEVPRNDTCPELPEIPNGW  
 cura\_58\_179313540352 QYSGPRSHFKLFSTMAVDTIQFQSDPGTSLVGYQQGFVIHFFEVPRNDTCPELPEIPNGW

cura\_58\_179313540351 KSPSQPELVHGTVVVYQCYPGYQVVGSSVLMCQWDLTWSDELPSQQRVTSCHDPGDVEHS  
 cura\_58\_179313540352 KSPSQPELVHGTVVVYQCYPGYQVVGSSVLMCQWDLTWSDELPSQQRVTSCHDPGDVEHS

cura\_58\_179313540351 RRLISSPKFPVGATVQYICDQGFVLTGSSILTCHDRQAGSPKWSRAPKCLLEQLKPCGH  
 cura\_58\_179313540352 RRLISSPKFPVGATVQYICDQGFVLTGSSILTCHDRQAGSPKWSRAPKCLLEQLKPCGH

cura\_58\_179313540351 LSAPENGARSPEKQLHPAGATIHFSAPGYVLKGQASIKCVPHPSHWSPPPICRAASL  
 cura\_58\_179313540352 LSAPENGARSPEKQLHPAGATIHFSAPGYVLKGQASIKCVPHPSHWSPPPICRAASL

cura\_58\_179313540351 DGFYNSRSLDVAKAPAAASSTLDAAHIAAIFLPLVAMVLLVGGVYFYFSRLQKGKSSLQLP  
 cura\_58\_179313540352 DGFYNSRSLDVAKAPAAASSTLDAAHIAAIFLPLVAMVLLVGGVYFYFSRLQKGKSSLQLP

cura\_58\_179313540351 RPRPRPNRITIESAFDNPTYETGETREYEVSI-  
 cura\_58\_179313540351 RPRPRPNRITIESAFDNPTYETGSLSFAGDERI

Fig. 1

10004551.120501

10004551.120501

7520500.0.54.3_Cura_59	.....MRPVALLLPSSLLALLAHGL
7520500.0.54.2_Cura_59	.....MRPVALLLPSSLLALLAHGL
7520500.0.54.1_Cura_59	.....MRPVALLLPSSLLALLAHGL
7520500.0.54.4_Cura_59	RLRPRSLYPAGPGSAPAPKPHQAPRPPAAVPAQGAAATSTM
7520500.0.21_Cura_59	RLRPRSLYPAGPGSAPAPKPHQAPRPPAAVPAQGAAATSTM
7520500.0.54.3_Cura_59	SLEAPTIVGKGOAPGIEETDGLTAAPTPEOPERGVEHVT
7520500.0.54.2_Cura_59	SLEAPTIVGKGOAPGLEETDGLTAAPTPEOPERGVEHVT
7520500.0.54.1_Cura_59	SLEAPTIVGKGOAPGIEETDGLTAAPTPEOPERGVEHVT
7520500.0.54.4_Cura_59	SLEAPTIVGKGOAPGLEETDGLTAAPTPEOPERGVEHVT
7520500.0.21_Cura_59	SLEAPTIVGKGOAPGIEETDGLTAAPTPEOPERGVEHVT
7520500.0.54.3_Cura_59	LEKGDEELRPALPEOPDPPAPETPSPLPRLANODSRPV
7520500.0.54.2_Cura_59	LEKGDEELRPALPEOPDPPAPETPSPLPRLANODSRPV
7520500.0.54.1_Cura_59	LEKGDEELRPALPEOPDPPAPETPSPLPRLANODSRPV
7520500.0.54.4_Cura_59	LEKGDEELRPALPEOPDPPAPETPSPLPRLANODSRPV
7520500.0.21_Cura_59	LEKGDEELRPALPEOPDPPAPETPSPLPRLANODSRPV

Fig. 2

7520500.0.54.3\_Cura\_59 (SEQ ID NO:22)  
 7520500.0.54.2\_Cura\_59 (SEQ ID NO:20)  
 7520500.0.54.1\_Cura\_59 (SEQ ID NO:18)  
 7520500.0.54.4\_Cura\_59 (SEQ ID NO:24)  
 7520500.0.21\_Cura\_59 (SEQ ID NO:20)

7520500.0.54.3\_Cura\_59 SPESSESPMLRITAPLPPGPSMAVPTLGPGEIASSTPPSRAWTPTOEGPGDMGRPWVAEVV  
 7520500.0.54.2\_Cura\_59 SPESSESPMLRITAPLPPGPSMAVPTLGPGEIASSTPPSRAWTPTOEGPGDMGRPWVAEVV  
 7520500.0.54.1\_Cura\_59 SPESSESPMLRITAPLPPGPSMAVPTLGPGEIASSTPPSRAWTPTOEGPGDMGRPWVAEVV  
 7520500.0.54.4\_Cura\_59 SPESSESPMLRITAPLPPGPSMAVPTLGPGEIASSTPPSRAWTPTOEGPGDMGRPWVAEVV  
 7520500.0.21\_Cura\_59 SPESSESPMLRITAPLPPGPSMAVPTLGPGEIASSTPPSRAWTPTOEGPGDMGRPWVAEVV

7520500.0.54.3\_Cura\_59 SQGAGIGIOGTITTSSTASGDDEETTTTTTITTTTTITVOTPGPCSWNFSGPEGSLDSPTD  
 7520500.0.54.2\_Cura\_59 SQGAGIGIOGTITTSSTASGDDEETTTTTTITTTTTITVOTPGPCSWNFSGPEGSLDSPTD  
 7520500.0.54.1\_Cura\_59 SQGAGIGIOGTITTSSTASGDDEETTTTTTITTTTTITVOTPGPCSWNFSGPEGSLDSPTD  
 7520500.0.54.4\_Cura\_59 SQGAGIGIOGTITTSSTASGDDEETTTTTTITTTTTITVOTPGPCSWNFSGPEGSLDSPTD  
 7520500.0.21\_Cura\_59 SQGAGIGIOGTITTSSTASGDDEETTTTTTITTTTTITVOTPGQLPAGLQMWKKGWGRLRG

7520500.0.54.3\_Cura\_59 LSSPTDVGLDCFFYISVYPGYGVEIKVONISLREGETVTVEGLGGPDPLPLANOSFLRG  
 7520500.0.54.2\_Cura\_59 LSSPTDVGLDCFFYISVYPGYGVEIKVONISLREGETVTVEGLGGPDPLPLANOSFLRG  
 7520500.0.54.1\_Cura\_59 LSSPTDVGLDCFFYISVYPGYGVEIKVONISLREGETVTVEGLGGPDPLPLANOSFLRG  
 7520500.0.54.4\_Cura\_59 LSSPTDVGLDCFFYISVYPGYGVEIKVONISLREGETVTVEGLGGPDPLPLANOSFLRG  
 7520500.0.21\_Cura\_59 P-----

7520500.0.54.3\_Cura\_59 QVIRSPTHQAALRFQSLPPPAGPGTTFHFHYQAYLLSCHFPRRPAYGDVTVTSLHPGGSAR  
 7520500.0.54.2\_Cura\_59 QVIRSPTHQAALRFQSLPPPAGPGTTFHFHYQAYLLSCHFPRRPAYGDVTVTSLHPGGSAR  
 7520500.0.54.1\_Cura\_59 QVIRSPTHQAALRFQSLPPPAGPGTTFHFHYQAYLLSCHFPRRPAYGDVTVTSLHPGGSAR  
 7520500.0.54.4\_Cura\_59 QVIRSPTHQAALRFQSLPPPAGPGTTFHFHYQAYLLSCHFPRRPAYGDVTVTSLHPGGSAR  
 7520500.0.21\_Cura\_59 -----

7520500.0.54.3\_Cura\_59 FHCATGYOLKGARHITCLNATOPFWDSKEPVCIAACGGVIRNGTIGRIVSPGFPGNYNN  
 7520500.0.54.2\_Cura\_59 FHCATGYOLKGARHITCLNATOPFWDSKEPVCIAACGGVIRNGTIGRIVSPGFPGNYNN  
 7520500.0.54.1\_Cura\_59 FHCATGYOLKGARHITCLNATOPFWDSKEPVCIAACGGVIRNGTIGRIVSPGFPGNYNN  
 7520500.0.54.4\_Cura\_59 FHCATGYOLKGARHITCLNATOPFWDSKEPVCIAACGGVIRNGTIGRIVSPGFPGNYNN  
 7520500.0.21\_Cura\_59 -----

7520500.0.54.3\_Cura\_59 LTCHWLLAEPEGORLHLHFEKVSLEADDDRLITRNGDNVEAPPVYDSYEVEYPPRPRPN  
 7520500.0.54.2\_Cura\_59 LTCHWLLAEPEGORLHLHFEKVSLEADDDRLITRNGDNVEAPPVYDSYEVEYPPRPRPN  
 7520500.0.54.1\_Cura\_59 LTCHWLLAEPEGORLHLHFEKVSLEADDDRLITRNGDNVEAPPVYDSYEVEYPPRPRPN  
 7520500.0.54.4\_Cura\_59 LTCHWLLAEPEGORLHLHFEKVSLEADDDRLITRNGDNVEAPPVYDSYEVEYPPRPRPN  
 7520500.0.21\_Cura\_59 -----

7520500.0.54.3\_Cura\_59 RITTESAFDNPVETGETREYEVST  
 7520500.0.54.2\_Cura\_59 RITTESAFDNPVETGETREYEVST  
 7520500.0.54.1\_Cura\_59 RITTESAFDNPVETGETREYEVST  
 7520500.0.54.4\_Cura\_59 RITTESAFDNPVETGSLSFAGDERI  
 7520500.0.21\_Cura\_59 -----

Fig. 2 (CONTINUED)

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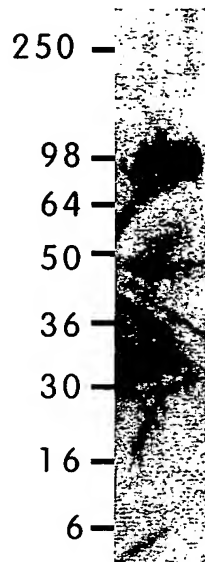


Fig. 3

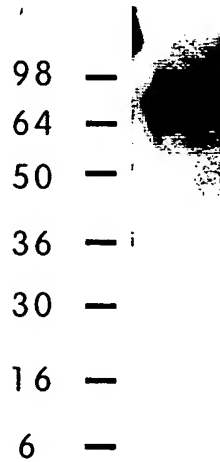


Fig. 4

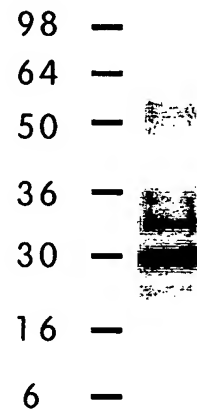


Fig. 5

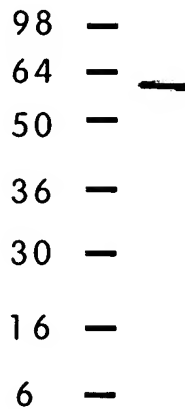


Fig. 6

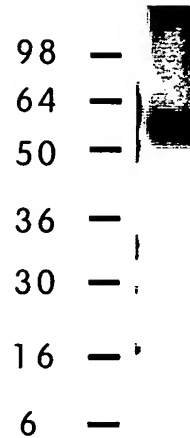


Fig. 7

10004551.120501

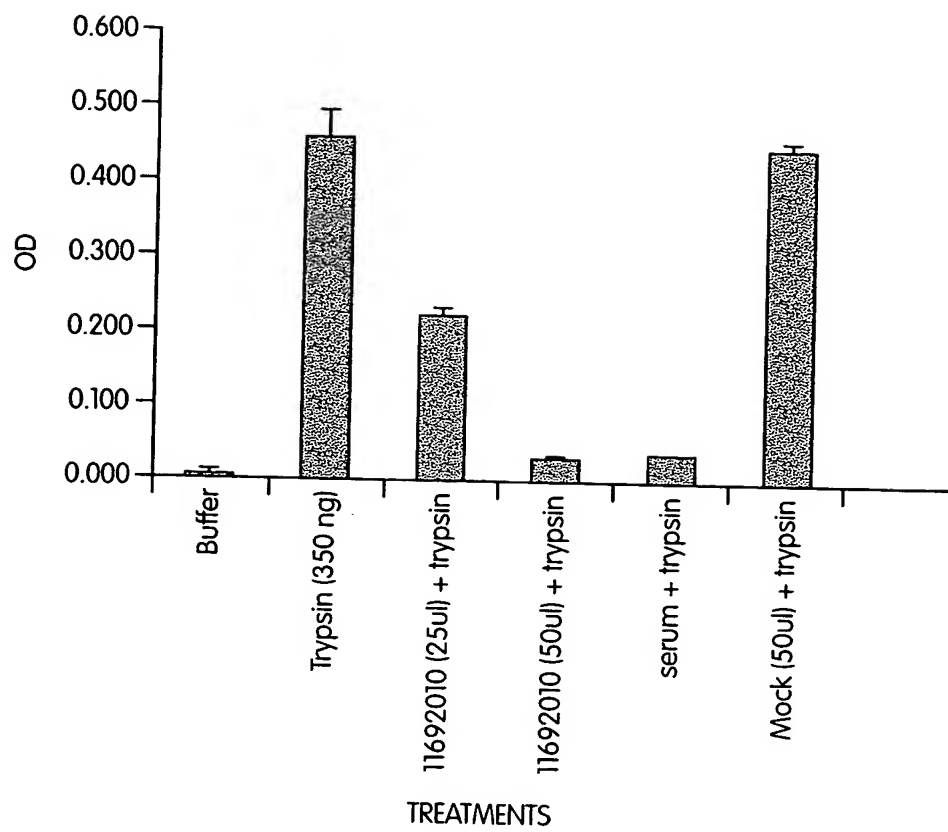


Fig. 8

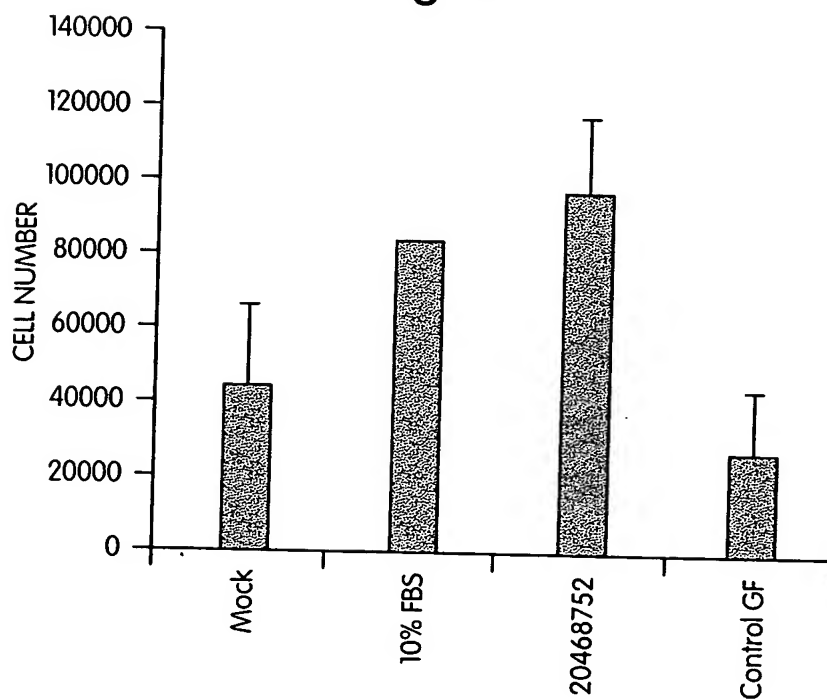


Fig. 9